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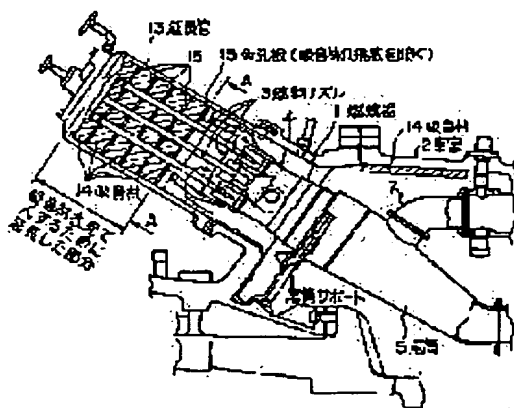
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(57)Abstract:

PROBLEM TO BE SOLVED: To effectively absorb combustion vibration energy with sound absorbing material so as to prevent vibration accompanying combustion from generating by surrounding the upper stream side of fuel nozzles with a pipe, and filling the space between the pipe and the fuel nozzles with sound absorbing material.

SOLUTION: An extended pipe 13 is extended on the upper stream side of fuel nozzles 3 so as to surround the circumference of them. A sound absorbing material holder with perforated plates 15 is provided between the extended pipe 13 and the fuel nozzles 3, and the interior of the sound absorbing material holder is filled with sound absorbing material 14. The perforated plates 15 are provided for preventing the sound absorbing material 14 from splashing, the sound absorbing material holder is divided into several layers for freely setting deviation of the sound absorbing material 14 and the thickness of the sound absorbing material 14 so as to enable damping effect to be adjusted. Because a space to be filled with the sound absorbing material 14 is provided on the upper stream parts of the fuel nozzles 3, the flow of air for combustion is not obstructed. The sound absorbing material 14 with the perforated plate 15 is also fitted on the inside of a cabin 2. Hereby, combustion vibration energy is effectively absorbed by the sound absorbing material to prevent vibration accompanying combustion from generating.



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